

SPEAKER BIOGRAPHIES

Nikke Alex

Nikke Alex, Diné, is a green jobs youth organizer. From Gallup, New Mexico, she is Salt clan born for the Tangle People clan. Having studied in California, Arizona, Guatemala, Spain, France, and Italy, she is a recent graduate from the University of Arizona and holds a B.A. in sociology with an emphasis in environmental racism. She has worked in various social movements and has worked extensively with Indigenous communities around the world. Nikke has carried out independent research in both uranium mining and coal mining on the Navajo Nation.

Keola Awong

Keola Awong was born and raised on Hawaii Island. She received her BA in Anthropology with a minor in Hawaiian Studies from the University of Hawaii at Hilo. She is currently in the American Studies Master's program at the University of Hawaii at Manoa and is interested in Museum Studies and Historic Preservation. Keola is the Cultural Anthropologist/Native Hawaiian Liaison at Hawaii Volcanoes National Park. Some of her responsibilities are to maintain a good working relationship with the Native Hawaiian Community. She also coordinates training sessions for park employees to help them understand Native belief systems and perspectives. Keola is also the point of contact for Native American Graves Protection and Repatriation Act (NAGPRA) claims.

José Barreiro

Currently the Assistant Director for Research and Director of the Office for Latin America at the Smithsonian National Museum of the American Indian, Dr. Barreiro is one of the leading scholars of American Indian policy and contemporary Native experience. He is also a pioneering activist in Native journalism and publishing, having co-edited the national journal, *Akwesasne Notes*, from 1975–1984.

A member of the Taino Nation of the Antilles, Dr. Barreiro was an early participant in the international process of Indigenous peoples and an organizer of the 1977 UN Conference that brought together Indigenous peoples of North, Central, and South America, and the Caribbean. Barreiro helped establish the American Indian Program at Cornell University, serving as associate director and editor-in-chief of Akwe:kon Press and the journal *Native Americas* throughout the 1980s and '90s. In 2000, he left Cornell to redesign the national Native newspaper, *Indian Country Today*, which he joined as Senior Editor.

Dr. Barreiro's significant publications include the award-winning novel *The Indian Chronicles* (1993) and scholarly books, such as *View from the Shore: American Indian Perspectives on the Columbus Quincentenary* (1990) and, most recently, *America Is Indian Country* (2005), which he edited with Tim Johnson.

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Carrie Billy

Carrie Billy, an enrolled member of the Navajo Nation and attorney from Arizona, joined the staff of the American Indian Higher Education Consortium (AIHEC) for the second time in 2001. As President and Chief Executive Officer of AIHEC, which is comprised of 36 Tribal Colleges and Universities (TCUs) in the United States and one in Canada, Carrie guides the day-to-day operations of the AIHEC central organization and works closely with AIHEC's Board of Directors to develop and implement AIHEC strategic vision and overall organizational action plan. AIHEC's primary work is focused on four strategic priorities: TCU Sustainability: sustain Tribal Colleges and Universities and the Tribal College Movement; Performance Accountability: provide technical assistance, standards, and processes necessary for TCUs to be accountable premier higher education centers within their communities; Strengthen Communities: improve the capacity of TCUs to serve their students, individuals, families, and communities; and Student Engagement: improve the capacity of TCUs to provide high quality, culturally relevant and integrated education and research programs, including in science, technology, engineering, and mathematics. Currently, Ms. Billy also oversees two exciting projects: the American Indian Measures for Success data collection initiative, a project originally funded by the Lumina Foundation, to define, collect, and report quantitative and qualitative indicators of American Indian student and institution success, as determined by Tribal Colleges and their communities; and the Indigenous Evaluation Framework Initiative, a multi-year effort to develop, for the first time, a framing for Indigenous Evaluation, which will synthesize indigenous ways of knowing and western evaluation practice.

Between her two terms at AIHEC, Carrie served as the first Executive Director of the White House Initiative of Tribal Colleges and Universities. She was appointed to that position by former President William J. Clinton in 1998, pursuant Executive Order 13021. As Executive Director of the Initiative, Carrie coordinated a multi-faceted effort to integrate tribal colleges into federal programs and strengthen partnerships with the private sector. During her tenure as director, tribal colleges achieved tremendous gains. Highlights include: the largest funding increases ever received by Tribal Colleges in annual federal appropriations; first visit by a U.S. president to a Tribal College; establishment and funding of new education and infrastructure programs in several federal departments and agencies; and the Tribal College Technology Initiative, The Circle of Prosperity: Tribal Colleges, Tradition, and Technology, including first-ever strategic planning Prosperity Game™ in Indian Country.

From the mid-1980s to mid-1990s, Ms. Billy served as a senior staff member to United States Senator Jeff Bingaman, (D-NM), focusing on Indian Affairs, health policy, judicial issues, and education. It was during this time that Carrie first began working with Tribal Colleges, overseeing enactment of a key vocational education program for selected Tribal Colleges, securing ongoing support and funding for the nation's only institution of higher education dedicated to promoting and nurturing American Indian Art, and helping to enact the 1994 legislation that designated Tribal Colleges as "Land-Grant Institutions," which opened new doors of opportunities for the colleges in agriculture, land-use, and community development.

Carrie is a graduate of the University of Arizona and the Georgetown University Law Center.

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Clayton Brascoupe

Clayton Brascoupe of the Bear Clan Mohawk and Tesuque Pueblo is a lifelong farmer, artist, and founding member of the Traditional Native American Farmers Association and Traditional Bow Makers Society. He has been the Program Director for the TNAFA since 1994. He farms with his family at Pueblo of Tesuque, New Mexico. The Four Sister's Farm is a family-scale, sustainable, agricultural enterprise.

Eugene Brower

Born in Barrow, Alaska, Eugene Brower grew up in a sod house by the Inaru River. His father supported his family by hunting marine mammals and trapping off the land and rivers. Attending the Haskell Institute, Eugene majored in electronics. After graduating in 1969, he worked for construction companies, was elected as mayor for a term, and eventually served as the Fire Chief.

Following his father, Eugene has been a subsistence hunter all his life. A well-respected whaling captain, Mr. Brower was invited to speak by the US delegation to the International Whaling Commission (IWC) on subsistence whaling.

Gary Collins

An enrolled member of the Northern Arapaho Tribe, Gary Collins resides on the Wind River Indian Reservation. With a B.S. in geology, he has extensive experience working across sectors—tribal government, state and federal governments, and corporations—to protect water, mineral, and land rights. Currently, he is the Tribal Liaison and a policy advisor within Wyoming's Governors Planning Office. He was the Shoshone and Arapaho Tribes' Tribal Water Engineer for over eight years. He has been involved with the "Big Horn Water Rights Case" for the past 20 years in various capacities, including Chairman of the Arapaho Tribe when the case went before the US Supreme Court.

Michael Connolly

Of the Campo Kumeyaay Nation, Michael Connolly Miskwish is an adjunct professor at San Diego State University and a professor at Kumeyaay Community College. For eight years, he served in senior manufacturing, industrial engineering, and supervisory positions in the aerospace industry. He also served eighteen years in the environmental field, including twelve years as the president and CEO of an environmental consulting company.

Mr. Connolly Miskwish has published several papers on history, economics, and environment. He also is the author of two books on Kumeyaay history and a contributing author to a book on sustainable economics. His education includes a B.S. in manufacturing engineering.

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Katsi Cook

A Mohawk midwife, Katsi Cook initiated the award-winning Akwesasne Mother's Milk project in 1981 to search for answers about toxic exposures and Mohawk women's reproductive health. This biomonitoring project became central to a comprehensive multidisciplinary Superfund study in 1986—one of only eleven funded by Congress at the time as well as the only Superfund study at that time to deal with human health. Published results from these multigenerational studies from the work of Akwesasne Task Force on the Environment can be found at Environmental Health Perspectives at www.ehponline.org. Katsi is the founding Aboriginal Midwife of the Six Nations Birthing Centre at Six Nations, Ontario.

Bunky Echo-Hawk

A graduate of the Institute of American Indian Arts, Bunky Echo-Hawk is a fine artist, graphic designer, photographer, writer, and a nonprofit professional. He is also a traditional singer and dancer. Throughout his career, Bunky has merged traditional values with his lifestyle and art. His art has been shown in major exhibitions throughout the US and internationally, his poetry has been widely published in magazines and anthologies, and his plays have been produced and performed nationally as well. In 2006, Bunky co-founded NVision, a nonprofit collective of Native American artists, musicians, community organizers, and nonprofit professionals who focus on Native youth empowerment through multimedia arts.

Frank Ettawageshik

Frank Ettawageshik, Odawa (Ottawa) from northern Lower Michigan, is an artist and tribal leader, having served multiple terms as Tribal Chairman of the Little Traverse Bay Bands of Odawa Indians (LTBB). Ettawageshik is known for his efforts to protect Native homelands locally and nationally. He testified before a US House committee on aquatic invasive species and before a US Senate committee to request funding to implement the strategic plan to restore and conserve the Great Lakes. Ettawageshik also led 140 tribes and Canadian First Nations to sign the historic Tribal and First National Great Lakes Water Accord, urging Canadian provincial and Great Lakes state governments to prevent diversion of the waters.

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Connie Fredenberg

Connie Fredenberg traveled from Ohio to Alaska in 1978 for a summer job as an animal research intern at the Naval Arctic Research Lab in Barrow—and never left. With a B.A. from the University of Alaska Fairbanks in linguistics with minors in Inupiaq, education, and biology, she has worked at a variety of jobs in the Arctic, Aleutians, and YK Delta. Since 2002, rural electric utility management assistance, energy efficiency, and renewable energy projects have become her passion. Currently, Connie is a special projects and community relations manager with TDX Power, a subsidiary of Tanadgusix Corporation—the village ANCSA Corporation for the community of St. Paul in the Pribilof Islands.

Tom B. K. Goldtooth (Mato Awanyankapi)

Tom Goldtooth, Dine'/Dakota, is the executive director of the Indigenous Environmental Network (IEN). His achievements have been recognized for over three decades as an activist for social change in the Native community. From a Native student leader in 1971 at Arizona State University to a military tour in the US Army to developing Native programs in social services, Tom has applied his professional academic training in social work practice from Pacific Lutheran University to build sustainable community development. His environmental justice leadership in the First National People of Color Environmental Justice Leadership Summit in 1991 in Washington D.C. has continued to the Eighth Session of the UN's Permanent Forum on Indigenous Issues in May 2009. He co-produced an award winning documentary film, *Drumbeat for Mother Earth*, which addresses the affects of bio-accumulative chemicals on Indigenous peoples. From the strength of his community organizing experience, he has brought the local issues of environmental and economic justice and the rights of Indigenous peoples to the international level through UN treaty-making bodies and conventions on issues of persistent organic pollutants, climate change, mineral extraction, protection of biodiversity, globalization, and water. He is active on many other Indigenous, environmental and social justice organizations.

Robert Gough

An attorney with graduate degrees in sociology and cultural anthropology, Robert Gough specializes in cultural ecology. He has worked with Native nations on cultural and natural resource issues over the past 30 years. He currently serves as Secretary of the Intertribal Council On Utility Policy (Intertribal COUP), created to provide information on the rights and resources for utility services on tribal lands. Gough co-chaired the "Native Peoples/Native Homelands Climate Change Workshop" held in 1998 and co-directs NativeWind.org, which supports partnerships between ICLEI-Cities for Climate Protection and COUP tribes to build sustainable reservation economies based upon renewable energy. He sits on the Western Governors' Association's Clean and Diversified Energy Advisory Committee, which seeks to develop 30,000 MWs of clean energy by 2015 in 18 western states. Gough co-produced "Wind Powering Native America" (2003) and the "Native Wind" PSA (2005) and is one of the architects of the Rosebud/COUP Intertribal Wind Energy Plan.

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Camille Green

Camille Green, an enrolled member of the Rosebud Sioux Tribe, has a B.S. in Environmental Science Conservation Biology from Oglala Lakota College in Kyle, South Dakota. Ms. Green is the Tribal Energy Specialist for the Sisseton Wahpeton Oyate in Sisseton, South Dakota. The Sisseton Wahpeton Oyate created the Tribal Energy Office in April of 2007 to bring a wind farm and other energy endeavors to the Lake Traverse Reservation in South Dakota. Ms. Green makes her home in Sisseton, South Dakota, with her husband and four children.

Zoltan Grossman

Zoltan Grossman is a faculty member in Geography and Native American & World Indigenous Peoples Studies at the Evergreen State College, in Olympia, Washington. He is a senior research associate at the Northwest Indian Applied Research Institute (NIARI) and edited its Climate Change and Pacific Rim Indigenous Nations Report (forthcoming from OSU Press in Fall 2010). He currently co-chairs the Indigenous Peoples Specialty Group of the American Association of Geographers (AAG) and was an International Geographical Union observer at the 2008 climate change session of the UN Permanent Forum on Indigenous Issues. His doctoral dissertation studied “Unlikely Alliances: Treaty Conflicts and Environmental Cooperation between Native American and Rural White Communities.” He was a co-founder of the Midwest Treaty Network during the Wisconsin Ojibwe spearfishing conflict and later helped bring together Native nations with their former adversaries in sport fishing groups to protect the fish from metallic mining projects.

Debra Harry

Debra Harry, Northern Paiute from Pyramid Lake, Nevada, produced the new documentary film, “The Leech and the Earthworm,” which examines the globalized hunt for genes in Indigenous territories and bodies. She is the Executive Director of the Indigenous Peoples Council on Biocolonialism (IPCB), which assists Indigenous peoples in protecting their genetic resources, Indigenous knowledge, and cultural and human rights from the negative effects of biotechnology. The IPCB empowers Indigenous peoples with educational information, including primers, resource guides, and documentary films, to strengthen their voices locally, nationally, and globally. She recently authored a chapter entitled “Acts of Self-Determination and Self-Defense: Indigenous Peoples Responses to Biocolonialism” in *Rights and Liberties in the Biotech Age*. This volume of essays by leading scientists, policy experts, and public interest advocates explores the impact of genetic technologies on individual and collective rights.

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Carolyn Jacobs, M. Ed.

Carolyn Jacobs has been a leader in expanding the WGBH Teachers' Domain service since 2005. In her role as National Manager, she has developed a partnership with the Bureau of Indian Education to bring digital media resources and online professional development to the Bureau of Indian Education K-12 teachers and students. Carolyn has conducted workshops at several BIE conferences, helping teachers integrate digital media into their lessons and orienting teachers to WGBH's online professional development courses. Prior to joining WGBH, Carolyn founded Business English Consultants LLC, a professional development company specializing in language training for foreign-born technology professionals.

Winona LaDuke

Winona LaDuke (Anishinaabe) is the Executive Director of Honor the Earth. She is an internationally acclaimed author, orator, and activist. A graduate of Harvard and Antioch Universities with advanced degrees in rural economic development, LaDuke has devoted her life to protecting the lands and life ways of Native communities. In 1994, Time Magazine named her one of America's fifty most promising leaders under forty years of age. In 1997, she was named Ms. Magazine's Woman of the Year. Other honors include the Reebok Human Rights Award, the Thomas Merton Award, the Ann Bancroft Award, the Global Green Award, and the prestigious International Slow Food Award for working to protect wild rice and local biodiversity. LaDuke also served as Ralph Nader's vice-presidential running mate on the Green Party ticket in the 1996 and 2000 presidential elections. In addition to numerous articles, LaDuke is the author of Last Standing Woman (fiction), All Our Relations (non-fiction), In the Sugarbush (children's non-fiction), and The Winona LaDuke Reader. Her most recent book is Recovering the Sacred: the Power of Naming and Claiming (South End Press). An enrolled member of the Mississippi band of Anishinaabe, LaDuke lives with her family on the White Earth Reservation in northern Minnesota. She is the Founding Director of the White Earth Land Recovery Project, a reservation-based nonprofit devoted to restoring the land-base and culture of the White Earth Anishinaabeg. She helped found Honor the Earth in 1993 and has served in a leadership position since the organization's inception.

Clarita Lefthand-Begay

Clarita Lefthand-Begay, Dine', is a third year Ph.D. student at the University of Washington. Her work as a graduate student includes investigating microbial polluted aquatic ecosystems, bacterial detection development, and environmental justice issues among Tribal Nations. In 2006–2008, she conducted a Microbial Source Tracking (MST) project in the Tulalip Bay on the Tulalip Reservation. In this project, she used two MST methods to test for the presence of human and animal fecal contamination. Clarita's current research aims to develop a technique to target bacteria in marine, fresh water, and drinking water.

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Chief Arvol Looking Horse

Arvol Looking Horse was born on the Cheyenne River Reservation in South Dakota in 1954. Raised by his Grandparents Lucy and Thomas Looking Horse, he learned the culture and spiritual ways of the Lakota. He speaks both Lakota and English. At age twelve, he was given the enormous responsibility of becoming the 19th-generation Keeper of the Sacred White Buffalo Calf Pipe, the youngest in history.

Raised in an era that suppressed his peoples' spiritual practices, he decided to “work for change and let the world know how beautiful our way of life is, so the Seventh Generation can have a better life.” Accordingly, his life has revolved around his commitment to work towards religious freedom, cultural survival, and revival.

His work for peace has taken him around the globe, offering prayers, conferring with political and spiritual leaders, including Desmond Tutu and the Dalai Lama, leading delegations, honoring sacred sites, and advocating on behalf of Indigenous Peoples. He has been invited to speak at countless colleges and universities. For his service for world peace and global healing, he has received many awards and honors. His greatest living legacy is to bring pride and restoration back to the Lakota, Dakota and Nakota lands, culture, and spirituality.

Chief Oren Lyons

Chief Oren Lyons is a Faithkeeper of the Turtle Clan of the Onondaga Nation, and a Chief of the Onondaga Nation Council of Chiefs of the Six Nations of the Iroquois Confederacy, the Haudenosaunee or “People of the Long House.” As Faithkeeper, Chief Lyons is entrusted to maintain the traditions, values, and history of the Turtle Clan and to uphold Gai Eneshah Go' Nah, the Great Law of Peace of the Iroquois.

In 1982, he helped establish the Working Group on Indigenous Populations at the United Nations. For more than 15 years, he has participated in the Indigenous Peoples Conference in Geneva. He was awarded an honorary Doctor of Laws degree from Syracuse University. He directed the Native American Studies Program as Professor of American Studies at the State University of New York at Buffalo.

Chief Lyons was a featured speaker at the Global Forum of Spiritual Leaders for Human Survival and in 1992 was invited to address the General Assembly of the United Nations and open the International Year of the World's Indigenous People at the United Nations Plaza in New York. He was the subject of an hour-long television documentary broadcast on PBS in 1991. He remains a tireless advocate for American Indian causes and a much-in-demand lecturer and participant in both national and international forums.

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Henrietta Mann

Henrietta Mann is a Cheyenne enrolled with the Cheyenne and Arapaho Tribes. In 1982, she earned her Ph.D. in American Studies from the University of New Mexico, Albuquerque. Dr. Mann has been a professor and administrator at: the University of California, Berkeley; the University of Montana, Missoula; the Graduate School of Education, Harvard University; and at Haskell Indian Nations University, Lawrence, Kansas. In 2003, Dr. Mann became a Professor Emerita in Native American Studies at Montana State University, where she continues to serve as Special Assistant to the President. She is on leave of absence from Montana State University to serve as President of the newly created Cheyenne and Arapaho Tribal College.

Susan Masten

After graduating from Oregon State University, Sue Masten returned to her reservation to find herself on the front lines of the salmon wars—a battle to protect her people's natural resources, cultural identity, tradition, and fishing rights. She was instrumental in securing the Yurok's rights to the Klamath River Basin, which were reaffirmed in her uncles' US Supreme Court case, *Mattz v. Arnet*.

Sue Masten was elected President of the NCAI in October 1999 and served one term. She served as Yurok Tribal Chairperson from 1997–2004. She has provided testimony before Congress, given hundreds of speeches, and led workshops at both college and professional events. Her topics include tribal sovereignty, trust fund management, resource management, co-management, and environmental justice.

Dr. Nancy Maynard

Dr. Nancy Maynard, Senior Research Scientist in the Cryospheric Sciences Branch at NASA Goddard Space Flight Center (GSFC), is Manager of NASA's Tribal College and University Project, which strives to expand NASA science, technology, engineering, and math (STEM) education and research opportunities with the Nation's Tribal Colleges and Universities. This includes a special NASA-AIHEC summer STEM "externship" program for Tribal College students and faculty. She was originally trained as a marine biologist and has a wide breadth of scientific experience, including, research on ice-edge biota, hands-on oceanographic research at sea, the application of satellites to societal issues, management of large interdisciplinary science programs, and science policy in the White House Office of the Science Advisor to the President (OSTP). Over the years, she has worked extensively to bring indigenous traditional knowledge together with scientific data and information to address climate and environment issues for decision-making. In 1998, as part of NASA's Mission to Planet Earth contribution to the U.S. National Assessment for Climate Change, she helped bring national attention to the unique contribution Native Peoples could make to better understanding the effects of natural and human-induced changes on the

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(Dr. Nancy Maynard bio continued...)

environment and climate. She organized the first Native Peoples Native Homelands Climate Change Workshop to bring together elders and other tribal leaders with academic, private, and government climate scientists to focus attention on the importance of understanding the impacts of climate change on Native lands and peoples, which led to a special issue of the national report and a chapter on Native people and homelands in the 2001 U.S. National Assessment of Climate Change Impacts. Dr. Maynard's current research interest is in the use of remote sensing to observe changes (environment, climate, land use/cover) in the Arctic and their impacts on indigenous populations in the region. She is working together with reindeer herder colleagues from the Sami University College in Norway as part of the Norwegian International Polar Year Project called "EALAT: Reindeer Pastoralism in a Changing Climate". This project is combining NASA Earth science satellite data and observations with ground-based observations by Norwegian reindeer herders to better understand the significant changes in pasture state/quality and migration routes occurring in response to the changes in climate, environment, and development in that part of the Arctic.

Debi McNutt

Debi McNutt is a research associate of the Northwest Indian Applied Research Institute (NIARI) at the Evergreen State College (Olympia, Washington), where she has coordinated its Climate Change and Pacific Rim Indigenous Nations Project. She edited NIARI's community organizing booklet on climate change for Northwest tribal members and has researched the health effects of climate change on Native women and children.

As a co-founder of the Midwest Treaty Network, Debi coordinated witnesses for treaty rights during the Ojibwe spearfishing crisis in the late 1980s and early 1990s to deter or document anti-Indian harassment. She also spent ten years working to build environmental anti-mining alliances between Native American and white communities.

Scott Moore

Currently employed at BNIM Architects, Scott Moore grew up on a farm in Kansas but also spent time with his mother's family in New Mexico. He grew up walking more than one cultural path. Mr. Moore chose to pursue an architectural degree from the University of Kansas. He also spent a year studying in Germany. Upon graduation, Scott moved back to Germany and worked at the University of Dortmund, where he deepened his research into alternative building technology. Working in New Mexico from 1998–2008, he focused on sustainability through holistic design. He was project manager for an award-winning house constructed of straw bale, adobe brick, and wood frame construction.

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Kandi Mossett

Kandi Mossett is Mandan, Hidatsa and Arikara from North Dakota. She graduated from the University of North Dakota's Earth Systems Science and Policy Program in 2006. She began working for the Indigenous Environmental Network as the Tribal Campus Climate Challenge (TCCC) organizer in 2007. Since then, over 30 tribal colleges have been engaged in the TCCC and have worked on projects ranging from light bulb swaps and community tree plantings to small-scale community solar panel installations and community gardens. The TCCC's goals are to support initiatives within tribal colleges that connect students to environmental justice and climate justice issues in their communities in line with Indigenous traditional knowledge and belief systems.

Steven Newcomb

Steven Newcomb (Shawnee/Delaware) is the Indigenous Law Research Coordinator in the Education Department of the Sycuan Band of the Kumeyaay Nation. He is also co-founder and co-director of the Indigenous Law Institute and a columnist with Indian Country Today. He is the author of *Pagans in the Promised Land: Decoding the Doctrine of Christian Discovery* (Fulcrum Publishing, 2008).

Alan Parker

Trained in law and philosophy and with extensive experience in Indian policy, inter-governmental relations, and banking, Alan Parker has been on the faculty of Evergreen State College, Olympia, Washington, since 1997. In 1999, he also became the director of the Northwest Indian Applied Research Institute (NIARI), a public service institute of the College. The NIARI sponsors research projects, conducts symposia, and disseminates research to Washington State tribes, public agencies, and community organizations.

Before coming to Evergreen, Alan Parker directed the National Indian Policy Center (NIPC) at George Washington University, Washington, D.C. The NIPC sponsored research in US-Tribal relations, cultural resource protection, natural resource management, economic development policies and practices, health and social services, and education of tribal reservation-based communities.

Christopher A.H. Philipp

The career of Christopher Philipp has a three-decade focus on strengthening the fields of education and sustainable technology development via digital media, systems engineering and immersive visualization. His last six years of work with the Intertribal Council On Utility Policy have focused on applying well-proven innovations in these fields toward the service of Indian Country.

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(Christopher Philipp bio continued...)

Previous innovations by Philipp include design and engineering of the country's first interactive touch-screen computer/video exhibit (1987)- also being the first public education exhibit directly funded by the National Science Foundation. His New England Aquarium 'Thinking Gallery' project is cited as the source model NSF used for further replication nationwide after it proved successful for New England's #1 visitor attraction- and did not break under considerable 'Informal Science Education' user loads.

Philipp was also an Applications Engineer at the first American artificial intelligence company, LMI of Cambridge, MA. His client project concentration work was principally with Apple, NASA, and MIT. Philipp's Apple work moved him to California and broader pursuit of digital education technologies beyond A.I.

3D visualization includes work contracted by Oakland Mayor Jerry Brown's Office to create walk&fly-through models of downtown development options, and being lead Concept Developer for the Academic Programs department at Univ. Colorado's BP Center for Visualization.

Philipp's educational media teaching, field and studio production includes Michigan Media (Univ. Michigan), Xavier University Television, ABC Special Projects (NYC) and most recently 3ality Digital of Burbank, CA- following his first job out of college (Univ. Pennsylvania) positions as video producer and exhibit designer for R. Buckminster Fuller in his Philadelphia office.

Most recently, Philipp Co/wrote-filmed-produced the 2009 Native American Telecommunications/PBS documentary 'Power Paths' about current efforts to build renewable energy on tribal lands. Just prior to this he conceived, filmed, and location-produced the Rocky Mountain Institute role in the PBS documentary "Oil On Ice," after creating 3D visualizations for RMI on hydrogen fuel cells and hyper-efficient transportation vehicles.

He was awarded an Emmy by Northern California's National Academy of Television Arts and Sciences; an Envision Award by COMDEX; enjoyed over a dozen years of college and high school teaching in digital media production and environmental science, and is co-founder of a non-profit institute for sustainable community projects.

Manuel Pino

Manuel Pino is a professor of sociology and the director of American Indian Studies at Scottsdale Community College in Scottsdale, Arizona. He is from Acoma Pueblo in New Mexico. His research is on environmental issues and their impact on Native people. Manuel has worked in this area for the past twenty-six years and is currently working with former Native uranium miners in New Mexico, Arizona, Washington, and South Dakota on health issues related to radiation exposure. Manuel served as a delegate of Indigenous Peoples at the 2001 UN World Conference Against Racism in Durban, South Africa, and at the 2002 UN World Summit on Sustainable Development in Johannesburg, South Africa.

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Jodi Rave

Jodi Rave, Mandan and Hidatsa, is an award-winning Native American journalist who lives and works in Missoula, Montana. She recently left her 13-year career as a daily news reporter for Lee Enterprises to author a book about the management of Native lands. Jodi is doing her research for the book at the University of Montana, where she is a full-time graduate student. She maintains a blog at <http://buffalofire.com>. She is a Peter Jennings Fellow of the National Constitution Center, and she was a 2004 Nieman Fellow of Harvard University.

Henry Red Cloud

Henry Red Cloud is a 21st-century Lakota warrior, bringing social justice and economic development to Native communities through renewable energy. Descended from Chief Red Cloud, Henry was born and raised on the Pine Ridge Reservation. He strives to offer his people a new vision for the future, while maintaining their traditions, cultural heritage, and deep connection to Mother Earth. Mr. Red Cloud founded Lakota Solar Enterprises, a solar heater manufacturing and assembly company, whose goal is to bring renewable energy to Native people. He also promotes buffalo restoration and tree planting. To further Native education on these issues, he conducts workshops and training programs, as he builds partnerships with Native communities across the Great Plains.

Ted Skenandore

An enrolled member of the Oneida Tribe of Indians of Wisconsin, Ted Skenandore is a member of the Turtle clan. He lives and works on the Oneida Reservation. Ted is the Agricultural Supervisor for the Tsyunhehkwa Agricultural Component and has been with Tsyunhehkwa since 1997. Growing up in Oneida, Ted experienced raising animals and growing a garden as just a normal part of life. Today, he wants to educate youth on the basics of agriculture and the need to start growing their own food, so they know that what they eat is not toxic or contaminated.

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Gail Small

Gail Small is a member of the Northern Cheyenne Indian Tribe from Lame Deer, Montana. With a law degree in Environmental and Natural Resource Law, Ms. Small is the Executive Director of Native Action, which she helped found in 1984. Native Action's work has led to national precedents in federal banking law, environmental policy, Indian voter discrimination, and youth law. Native Action has drafted cutting-edge tribal laws. Nurturing long-term alliances with non-Indian ranchers, labor unions, universities, non-partisan political leaders, as well as Tribes is key to Native Action's success.

Ms. Small was elected to the Northern Cheyenne Tribal Council, and she remains active in national Indian policy and international Indigenous issues. She has taught at the University of California at Humboldt, Chief Dull Knife Memorial College, and Little Big Horn Community College. The recipient of many awards, she has been invited to speak at universities across the country and before Congressional oversight hearings.

Dr. Anthony Socci

Dr. Anthony Socci is a senior adviser on climate and energy in the Environmental Protection Agency's Office of International Affairs. Prior to that he was a Senior Science and Communications Fellow with the American Meteorological Society's executive office, in Washington, D.C. where he directed his energies at improving the communication of science and in elevating the importance of communication in the sciences. In addition, while at AMS he created and hosted a monthly series of environmental sciences briefings on Capitol Hill, in the interest of informing decision-makers and the general public on policy-relevant science-based information. He also co-hosted a series of workshops on 'the communication of science via the mass media', as a means of improving the communication, reporting and coverage of science in general.

From 2000-2005, Socci was Senior Climate Science Advisor with EPA's Office of Atmospheric Programs, with responsibility for strategic planning, advising, and communication of climate and climate-related science.

Prior to that Dr. Socci served as Associate Executive Director of the multi-agency U.S. Global Change Research Program's Coordination Office, where he was active in planning, coordinating and shaping the US government's nearly \$2 billion/year investment in scientific research on impacts of global- and regional-scale environmental changes, largely climate-related. In that capacity, Dr. Socci directed much of his attention to bridge-building, outreach and communication, and routinely interacted with many diverse interests, including members of the Executive Branch and Congressional Offices, on climate change and related issues. In addition, he instituted and hosted monthly for six years, a series of briefings on climate-related global and regional environmental changes, on Capitol Hill.

Prior to that, Dr. Socci served as Special Assistant to the Director of the Division of Environmental Biology at the National Science Foundation and, from 1991 to 1993, he served in the capacity of senior science adviser on climate for the U.S. Senate Commerce Committee's Subcommittee on Science, Technology, and Space.

SPEAKER BIOGRAPHIES

Patrick Spears

A member of the Lower Brule Sioux Tribe, Patrick Spears is the co-founder and President of the Intertribal Council On Utility Policy (COUP), which represents thirteen Tribes in the Dakotas, Wyoming, and Nebraska. COUP is involved in policy issues and outreach education to Tribal governments, Tribal Colleges, and Indigenous environmental organizations on climate change, energy planning, energy efficiency, and renewable energy development. For 30 years, Mr. Spears has worked in tribal government, including serving as Tribal Chair. He is a member of the Management Committee of NativeEnergy, a company that purchases carbon offsets to help finance renewable energy projects. He assisted in developing the first commercial, utility-scale, wind turbine project (750 kW) at the Rosebud Casino. He provides consultant services on community and commercial wind projects for a number of Tribes.

Valerie Taliman

Valerie Taliman, a citizen of the Navajo Nation, is an award-winning environmental writer, former newspaper editor, radio producer and magazine publisher. She served on the Steering Committee of the first Native Peoples/Native Homelands Climate Change Workshop in 1999 and co-chaired Amnesty International's Indigenous Peoples Task Force which documented human rights violations against Native peoples in the United States in 2002. Taliman also worked on an advocacy campaign pushing for the adoption of the U.N. Declaration on the rights of Indigenous Peoples that was adopted in September 2007. She owns Three Sisters Media based in Albuquerque, NM which offers an array of government and public relations services, and is a columnist for Indian Country Today newspaper. Currently, she is part of a production team developing a 13-part travel series for PBS on current issues in Native America. Contact her at valerietaliman@gmail.com

Debby K. Tewa

A Hopi Tribal member from Hotevilla, Arizona, Debby K. Tewa is currently the Renewable & Tribal Energy Coordinator for Arizona's Department of Commerce Energy Office. She provides education and outreach to state and Tribal communities on energy efficiency and renewable energy. She also serves as the state's Tribal Energy Liaison. Previously, Debby worked at Sandia National Laboratories Tribal Energy Program in Albuquerque, New Mexico, where she provided tribes with technical assistance in their renewable energy portfolios. Debby also served as Project Manager for NativeSUN on the Hopi Reservation. NativeSUN deployed over 300 stand-alone photovoltaic systems on the Hopi, Zuni, and Navajo reservations and in rural Flagstaff.

SPEAKER BIOGRAPHIES

Nick Tilsen

A fourth-generation organizer, Nick has been active in human rights, environmental justice, and community development. Nick founded and served as the Executive Director of the Lakota Action Network, a youth organization working to protect sacred sites, while promoting sustainable, renewable-energy alternatives. Mr. Tilsen has also been a national correspondent for Odyssey, an online nonprofit that produces original alternative content on culture and politics aimed at educators and youth worldwide. Tilsen also served as the youth coordinator for the Teton Sioux Nation Treaty Council, working to get Lakota Treaty and human rights issues heard at the UN. Nick is currently the Executive Director of the Thunder Valley Community Development Corporation, which promotes sustainable green development and culture-based youth development.

Edward Charles Valandra

Edward Charles Valandra is Sicangu Lakota, born and raised on the Rosebud Reservation. He received his B.A. from Minnesota State University–Mankato, his M.A. from the University of Colorado–Boulder, and his Ph.D. from State University of New York–Buffalo. Mr. Valandra served one four-year term on the Rosebud Sioux Tribal Council and was his nation’s representative on the Inter-Tribal Bison Cooperative (ITBC) board of directors. Mr. Valandra is the founder and research fellow for the Community for the Advancement of Native Studies (CANS). CANS is chartered by the Rosebud Sioux Tribe and is located on the Rosebud Reservation. The organization promotes the application of research and study for all aspects of liberation and sovereignty with respect to Native Country. In addition, Edward is an associate professor at the University of South Dakota and chair of the American Indian Studies Department. His research focus is the national revitalization of the Oceti Sakowin Oyate (People of Seven Fires, commonly called the D/L/Nakota people). His book, *Not Without Our Consent*, with a Foreword by Vine Deloria Jr., was published by the University of Illinois Press in 2006.

Daniel R. Wildcat

A Yuchi member of the Muscogee Nation of Oklahoma, Daniel R. Wildcat is Director of the Haskell Environmental Research Studies (HERS) Center and an American Indian Studies faculty member at Haskell Indian Nations University in Lawrence, Kansas, where he has taught for 24 years.

Dr. Wildcat has spoken on Native worldviews at Goddard Space Flight Center, the National Museum of the American Indian, Harvard Medical School, Creighton University, University of Kansas Medical School, Kansas State University, University of California (Riverside), and many other institutions of higher education.

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(Daniel Wildcat bio continued...)

In 1994, in partnership with the Hazardous Substance Research Center at Kansas State University, Dr. Wildcat helped to create the HERS Center as a Native research facility. HERS' goal is to promote: 1) technology transfer to tribal governments and Native communities, 2) the transfer of accurate environmental information to tribes, and 3) research opportunities to tribal college faculty and students coast to coast.

In 1996, Dr. Wildcat helped organize a Native educational program to celebrate the 25th anniversary of Earth Day. He moderated a live, nationally broadcast dialogue between traditional American Indian Elders and American Indian scientists and engineers about how we must live if we are to ensure a healthy planet for our children. Dr. Wildcat helped design a four-part video series entitled All Things Are Connected: The Circle of Life (1997), which dealt with the land, air, water, biological, and policy issues facing Native nations.

Recently, Dr. Wildcat has formed the American Indian and Alaska Native Climate Change Working Group: a tribal-college-centered network of individuals and organizations working on climate change issues. In 2008, he helped organize the Planning for Seven Generations climate change conference sponsored by the National Center for Atmospheric Research. With Winona LaDuke, Dr. Wildcat is co-chairing the national 2009 Native Peoples–Native Homelands Climate Change Workshop at Mystic Lake in Minnesota.

He is the author and editor of several books: *Power and Place: Indian Education In America*, with Vine Deloria, Jr.; *Destroying Dogma: Vine Deloria's Legacy on Intellectual America*, with Steve Pavlik. His new book, *Red Alert: Saving the Planet with Indigenous Knowledge*, suggests that the current global climate change issues require Indigenous ingenuity—indigenuity—and wisdom, if humankind is to reduce the ecological damage well underway.

Diane Wilson

Dream of Wild Health (DWH) is a 10-acre farm located in Hugo, MN, that improves health in the Native community by reconnecting people with traditional foods and medicines. DWH was founded in 1998 by Sally Auger, Executive Director of Peta Wakan Tipi, a St. Paul non-profit that provides transitional housing to Native people in recovery. Diane Wilson is the Operations Director for DWH, a former Chisago County Master Gardener, and author.

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Donna Wong-Gibbons

Donna Wong-Gibbons has a B.A. in Psychology from Florida State University, a Ph.D. in Physiology and Pharmacology from Wake Forest University, and postdoctoral training in Molecular Biology and Epidemiology from the University of Iowa. As the Public Health Specialist for Plains Justice, she focuses on education and outreach on the public health risks of environmental contamination, particularly with respect to air and water quality. Dr. Wong-Gibbons also serves as the Executive Director for the Iowa Chapter of the American Academy of Pediatrics (AAP), an organization of more than 60,000 pediatricians committed to promoting the optimal health of infants, adolescents, and young adults through advocacy, education, and outreach.

Aneva Yazzie

Aneva Yazzie is the CEO of the Navajo Housing Authority (NHA) in Window Rock, Arizona—the largest Native housing authority in the country. Spanning three states (Arizona, New Mexico, and Utah), NHA is the tenth largest public housing authority in the nation. Ms. Yazzie is an industrial engineer by profession and has worked in affordable housing for over 20 years, engaging the federal, state, and private sectors. She returned to her homeland in 2007 to join NHA in addressing safe and quality housing for tribal members. NHA recently sponsored a Green Building in Native Communities Conference in Flagstaff as part of NHA's Strategic Plan to incorporate “going green” in all aspects of the housing program and operations.